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oak park, illinois 60302

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suite 300
lombard, illinois 60148

762 shoreline drive
suite 200
aurora, illinois 60504

Job Description – Design Engineer I

Duties and Responsibilities

A potential candidate will be expected to be able to work independently or within multi-discipline teams performing studies and plan development for the design of intersections and/or interchanges, roadway/interstate segment improvements and/or local route construction projects. Ideally, this candidate can immediately begin to demonstrate proficiency in highway and roadway engineering design including roadway geometrics, alternatives analysis, alignment studies, written reports, and the preparation of plans, specifications and estimates.

The successful applicant would immediately begin assisting in the preparation of construction plans, determining plan quantities, engineering estimates and writing specifications. Additionally, this person should be a motivated, self-starting individual that aspires to work in a team environment and to ultimately grow and mature into a project management role. A typical day may include performing crash or intersection design studies, performing quantity calculations, working with traffic and/or drainage engineers to perform alternative analysis or assisting in the development of exhibits for public involvement strategies. This person will regularly be tasked with assisting others on specific deliverables for Phase I/II roadway and drainage projects.

Desired Skills and Experience

- Bachelor's Degree in Engineering at an ABET accredited school
- Minimum of 0 to 2 years engineering experience preferably with an internship completed providing exposure to highway planning and/or design.
- Professional Engineer Intern (EI) certification with the ability to obtain a Professional Engineer's license in the State of Illinois.
- Familiarity with CADD (Bentley software preferred) software.
- Knowledge of capacity analyses and traffic studies viewed as a plus.
- Proficient in Microsoft Office Software.
- Excellent and efficient oral and written communications skills.
- Strong organizational skills.
- A positive work ethic and professionally-driven personality.
- Valid U.S. driver's license.

Compensation

Negotiable; dependent upon qualifications and experience.



About Us

TEG, founded in 2008, provides reliable, sustainable, cost effective solutions to the engineering needs of State, County, and Local Agency clients. Our clients count on TEG's trademark *service at the highest grade*® in all of the lines of business in the public sectors that we serve. TEG considers itself a unique Engineering Consulting firm, allowing our employees flexibility to realize their professional goals. Our professional engineering firm is focused on providing the following services:

- **Transportation Planning and Design**
- **Structural Engineering**
- **Construction and Resident Engineering**
- **Municipal Engineering**
- **Stormwater Management**
- **Water Distribution**
- **Land Surveying**

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